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SECRET

ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations should be used in the "TO" column. Under each comment a line should be drawn across sheet and comment numbered to correspond with the number in the "TO" column. Each officer should initial (check mark insufficient) before further routing. This Routing and Record Sheet should be returned to Registry.

FROM: <i>TOP/SR Division</i>	NO.
<i>MAR 3 1954</i>	DATE 17 February 1954

TO	ROOM NO.	DATE		OFFICER'S INITIALS	COMMENTS
		REC'D	FWD'D		
1. Chief, Technical Operations/TSS		<i>MAR 3 1954</i>	<i>3 mai</i>	<i>[initials]</i>	
2. POS		<i>[initials]</i>		<i>[initials]</i>	
3. <i>APD</i>				<i>[initials]</i>	
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*Cable Marker System
Contract RD-24*

*25 NOV 52
13 JULY 1954*

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17 February 1954

MEMORANDUM FOR: [REDACTED]

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Chief, Technical Operations, TSS

SUBJECT : Electronic Cache Locator

1. This Division is pleased with the new system recently introduced by TSS for soliciting customer comments on research and development items of equipment. Such a system should do much toward producing a much more applicable end-product for SR Division operations. The electronic cache locator has elicited a great deal of interest in this Division.

2. The immediate reaction of the operating elements was that the contemplated cache locator was too large. It is however understood that any further deduction of the transducer would reduce the effectiveness of the equipment. This Division would thereby be very interested in seeing any methods for concealing or camouflaging the transducer which TSS could produce.

3. A realistic estimate of this Division's production units cannot be made until the completion of the field testing and evaluation. It would be desirable, security permitting, if the cache locator could be demonstrated to certain co-operating foreign intelligence services which also have a mutual need for such a device in supporting SR operations. As presently seen, the SR Division would require 12 transponders and 10 transducers for field analysis and evaluation. For these tests it would be desirable if the equipment could be packaged to withstand extreme cold and wet climates.

4. The following suggestions have been made relative to the cache locator:

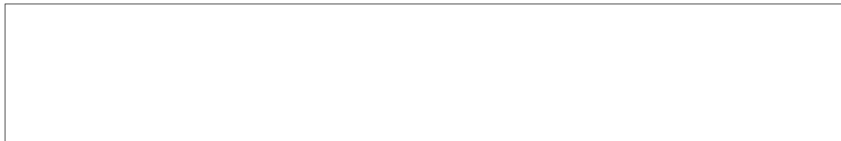
- A. The equipment should be sterile.
- B. It might be desirable to integrate the cache locator program with the [REDACTED]

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- C. The adaptability of the electronic cache locator for moving dead drops such as railroad trains, etc., be determined.

D.



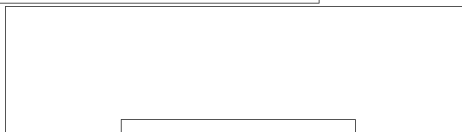
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5. Prior to the establishment of a system whereby the [redacted] comments can be obtained, responses to the TSS queries of this type will be slow. It is hoped that the SR Division will meet all future deadlines established by TSS. Any questions relative to this memorandum should be referred to [redacted]

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